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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Sheet 1 of 2

Application Number	10/560,139
Filing Date	12/09/2005
First Named Inventor	Avto TAVKHELIDZE
Art Unit	
Examiner Name	
Attorney Docket Number	12093.PCT.US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/S.R./		US- 3,169,200	02-09-1965	Huffman	
		US- 3,740,592-A	06-19-1973	Engdahl et al.	
		US- 4,011,582-A	03-08-1977	Cline et al.	
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		US- 4,869,923	09-26-1989	Yamazaki	
		US- 5,094,915	03-10-1992	Subramaniam	
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		US- 5,283,501	02-01-1994	Zhu	
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		US- 5,602,439	02-11-1997	Valone	
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/S.R./		US- 6,417,060-B2	07-09-2002	Tavkhelidze et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/S.R./		JP-40-7094787-A	04-07-1995	Tokai Carbon Co.		
/S.R./		JP-40-7196371-A	08-01-1995	Tonen Corp.		

Examiner Signature	/Shrinivas Rao/	Date Considered	06/23/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Examiner Name	
				Attorney Docket Number	12093.PCT.US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/S.R./		GEIS et al., "Electron field emission from diamond and other carbon materials after H ₂ , O ₂ , and Cs treatment", Applied Physics Letters, Aug. 28, 1995, pp. 1328-1330, Volume 67, Number 9, American Institute of Physics.	
		NAKAJIMA et al., "Generation of ballistic electrons in nanocrystalline porous silicon layers and its application to a solid-state planar luminescent device", Applied Physics Letters, Sep. 23, 2002, pp. 2472-2474, Volume 81, Number 13, American Institute of Physics.	
		OKANO et al., "Low-threshold cold cathodes made of nitrogen-doped chemical-vapour-deposited diamond", NATURE, May 9, 1996, pp. 140-141, Volume 381.	
		OZAKI et al., "The Relationship between Photoconduction Effects and Luminescent Properties of Porous Silicon", Japanese Journal of Applied Physics, Feb. 1995, pp. 946-949, Volume 34, Part 1, Number 2B.	
/S.R./		ZENG et al., "Mean Free Path and Apparent Thermal Conductivity of a Gas in a Porous Medium", Journal of Heat Transfer, Aug. 1995, pp. 758-761, Volume 117, ASME.	

Examiner Signature	/Shrinivas Rao/	Date Considered	06/23/2009
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